

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5028191
<b>Application Number:</b>	10532912
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4943
<b>Title of Invention:</b>	Methods for channel estimation in the presence of transmit beamforming
<b>First Named Inventor/Applicant Name:</b>	Giuseppe Montalbano
<b>Customer Number:</b>	25235
<b>Filer:</b>	William J. Kubida/Julie Lange
<b>Filer Authorized By:</b>	William J. Kubida
<b>Attorney Docket Number:</b>	FR030009 US
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<b>Filing Date:</b>	27-APR-2005
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<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		DOC154.PDF	465128 <small>8f9cd4f986c1f0cd8d1152802903c207017ac91</small>	yes	9
<b>Multipart Description/PDF files in .zip description</b>					
	<b>Document Description</b>	<b>Start</b>	<b>End</b>		
	Information Disclosure Statement Letter	1	1		
	Information Disclosure Statement (IDS) Filed (SB/08)	2	4		
	NPL Documents	5	9		

**Warnings:****Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	30212 <small>d8a5a5e2f949ad81a0812045c78eaf13e1d614009</small>	no	2
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**Warnings:****Information:**

<b>Total Files Size (in bytes):</b>	495340
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.